FEDERAL ITEM IDENTIFICATION GUIDE

COMPUTER SYSTEMS

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Commander

Defense Logistics Information Service

ATTN: DLIS-K

74 Washington Avenue North, Suite 7

Battle Creek, Michigan 49037-3084

(COMM) (269) 961-5779

(DSN) 661-5779

This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC

COMPUTER SYSTEM, ANALOG   62145

A complete analog computer system, as defined by COMPUTER, ANALOG, which includes the computer and all associated peripheral hardware.

COMPUTER SYSTEM, DIGITAL   62146

A complete digital computer system, as defined by COMPUTER, DIGITAL, which includes the computer and all associated peripheral hardware. May be a networked system or stand alone. Also, may or may not have satellite and/or global capabilities via built-in or add-on devices.

PERSONAL DIGITAL ASSISTANT, SECURE   *6821*

A Secure Mobile Environmental Portable Electronic Device (SME PED) that combines the functions of a wireless phone and Personal Digital Assistant (PDA). It is Secure Communications Interoperability Protocol (SCIP) compliant and High Assurance Internet Protocol Encryption (HAIPE) Compatible. It is designed to provide the user with Type 1, secure voice, secure email and secure data communications over Global System for Mobile Communication (GSM), Code Division Multiple Access (CDMA), Wireless Fidelity (WF), and Internet Protocol Systems.

PROCESSOR GROUP, RADAR   67615

Supports the signal processing, data processing and mission application software functions of the radar. Provides the means to accept operator inputs and to display mission and status data to the operator. Provides an interface between the data processing equipment and the external users receiving mission control directives and to provide output data.

SECTION I

MRC	Mode Code	Requirements
NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED62145)*

CPLR D   UNIT DESIGN

Definition: THE DESIGN OF THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPLRDFVC*; CPLRDFVC$$DAJR*)

For multiple replies answer in table sequence.

REPLY CODE	REPLY (AK54)
AJQ	CABINET
AUB	CONSOLE
FVC	DESK TOP
FWV	DRAWER MOUNTED
FUY	FREE STANDING
AFD	PANEL MOUNTED
AJR	PORTABLE
FVE	RACK MOUNTED
AUJ	STORAGE CASE

CZEH J   COMPONENT TYPE AND QUANTITY ACCOMMODATED

Definition: INDICATES THE TYPE AND NUMBER OF THE COMPONENTS ACCOMMODATED BY THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the quantity of each component. (e.g., CZEHJCGZ1$$JAFV1$$JAJV1$$JAKU1$$JANU1$$JARV1*)

CYHR * D   HIGHEST DISPLAY CAPABILITY

NOTE: Answer MRC CYHR only for Cathode Ray Tubes or Liquid Crystal Displays.

MRC	Mode Code	Requirements

Definition: INDICATES THE HIGHEST MONITOR DISPLAY CAPABILITY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CYHRDHU*)

REPLY CODE	REPLY (AE79)
HU	CGA
HV	EGA
HW	MONOCHROME
HX	RGB
HY	SVGA
HZ	VGA

CYHS *   B   DIAGONAL DISPLAY SIZE IN INCHES

Definition: THE LENGTH OF A STRAIGHT LINE THAT RUNS FROM ONE CORNER OF THE DISPLAY SCREEN TO THE OTHER CORNER, EXPRESSED IN INCHES.

Reply Instructions: Enter the numeric value. (e.g., CYHSB17.0*)

RAMS *   J   RANDOM ACCESS MEMORY SIZE

Definition: DESIGNATES THE SIZE OF THE WORKING DATA STORAGE AVAILABLE WITHIN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., RAMSJMM20.0*)

REPLY CODE	REPLY (AG67)
ML	GIGABYTES
MM	KILOBYTES
MN	MEGABYTES
CU	TERABYTES

CYFP *   J   DATA STORAGE CAPACITY

Definition: THE DATA STORAGE CAPABILITY OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CYFPJMM1.40*)

REPLY CODE	REPLY (AG67)
ML	GIGABYTES

MRC	Mode Code	Requirements
	MM	KILOBYTES
	MN	MEGABYTES
	CU	TERABYTES

ACYC * J   PROCESSOR CLOCK SPEED

Definition: THE CLOCK SPEED AT WHICH THE ITEM PROCESSES INFORMATION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACYCJAEC66.0*)

REPLY CODE	REPLY (AK09)
ADL	GIGAHERTZ
ADR	KILOHERTZ
AEC	MEGAHERTZ
AAA	MIPS (Millions of Instructions per Seconds)

CXCN * J   SUPPLY ITEM

Definition: A COMPONENT AS INDICATED BY AN ITEM AND NATIONAL STOCK NUMBER.

Reply Instruction: Enter the applicable Reply Code from Appendix A , Table 1, in table sequence, followed by the National Stock Number (NSN). (e.g., CXCNJCGZ7025-01-234-4567*; CXCNJCGZ7025-01-210-1234$$JAFV7025-01-0857*)

CXCS * J   NONSUPPLY ITEM

Definition: A COMPONENT, OUTSIDE THE SCOPE OF AN ITEM OF SUPPLY TO BE CATALOGED, AS INDICATED BY AN ITEM NAME, THE NAME OF THE MANUFACTURER AND THE PART NUMBER OF THE ITEM AS IDENTIFIED BY THE MANUFACTURER.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the identifying number.

(e.g., CXCSJCGZ12345-A43785*;

CXCSJCGZ12345-A23456$$JANU23748-15875/4-SA*)

CBBL * D   FEATURES PROVIDED

MRC	Mode Code	Requirements

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDBN*; CBBLDBEM$$DCEN*)

For multiple replies record in table sequence.

REPLY CODE	REPLY (AN47)
BEM	COVER
DBN	ELECTROMAGNETIC INTERFERENCE SHEILDING
FCU	KEY LOCK
FCV	PERSONAL COMPUTER MEMORY CARD (PCMC)
CEN	RUGGEDIZED
ENP	SELF TEST
ENQ	SOFTWARE
DMF	TEMPEST

PMLC *   J   PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000 INTERNAL SURFACES*; PMLCJAUA000TERMINAL$JAGA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

TEST *   J   TEST DATA DOCUMENT

MRC	Mode Code	Requirements

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE code, a dash, and the document identification number. (e.g., TESTJA12345-CWX654321*; TESTJA12345-654321$$JB55566\N66354*; TESTJA12345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "nominal", etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc; excludes any specification, standard, or other document that may be referenced in a basic governing drawing.)

FEAT *   G   SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

ZZZK *   J   SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

MRC   Mode Code   Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZT *   J   NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ZZZY *   G   REFERENCE NUMBER DIFFERENTIATING
                      CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

CRTL *   A   CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA*; CRTLAAKJA$$ACSGS*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

PRPY *   A   PROPRIETARY CHARACTERISTICS

NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA$$ACSGS*)

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MRC	Mode Code	Requirements

NHCF *   D   NUCLEAR HARDNESS CRITICAL FEATURE

NOTE: If the Criticality Code is E, H, or M, reply to MRC NHCF.

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFDCY*)

REPLY CODE	REPLY (AD05)
CY	HARDENED

ENAC *   D   ENVIRONMENTAL ATTRIBUTE CODE

NOTE: Answering this MRC will generate an ENAC Code in the Item Identification Segment (A) of the NSN.

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDHR*)

REPLY CODE	REPLY (EN02)
AB	*BRONZE - EPEAT REGISTERED PRODUCTS*
LF	*ENERGY EFFICIENT – ENERGY STAR – OFFICE EQUIPMENT - COMPUTERS*
LG	*ENERGY EFFICIENT – ENERGY STAR – OFFICE EQUIPMENT - MONITORS*
LH	*ENERGY EFFICIENT – ENERGY STAR – OFFICE EQUIPMENT – PRINTERS, SCANNERS, AND ALL-IN-ONES*
HT	*ENERGY EFFICIENT – FEMP - LOW STANDBY POWER – OFFICE EQUIPMENT – COMPUTER MONITORS*
HR	*ENERGY EFFICIENT – FEMP – LOW STANDBY POWER – OFFICE EQUIPMENT – DESKTOP COMPUTERS*
JX	*ENERGY EFFICIENT - FEMP - LOW STANDBY POWER – OFFICE EQUIPMENT - DOCKING STATIONS*
HV	*ENERGY EFFICIENT – FEMP – LOW STANDBY POWER – OFFICE EQUIPMENT – FAX/PRINTER*
HS	*ENERGY EFFICIENT - FEMP - LOW STANDBY POWER - OFFICE EQUIPMENT - LAPTOP*

MRC	Mode Code	Requirements
		COMPUTERS
	JY	*ENERGY EFFICIENT - FEMP - LOW STANDBY POWER – OFFICE EQUIPMENT - MULTIFUNCTION DEVICES*
	HU	*ENERGY EFFICIENT - FEMP - LOW STANDBY POWER - OFFICE EQUIPMENT - PRINTERS*
	JZ	*ENERGY EFFICIENT - FEMP - LOW STANDBY POWER – OFFICE EQUIPMENT - SCANNERS*
	JW	*ENERGY EFFICIENT - FEMP - LOW STANDBY POWER – OFFICE EQUIPMENT - WORKSTATION*
	FW	*ENERGY EFFICIENT – FEMP - OFFICE EQUIPMENT - COMPUTERS*
	FX	*ENERGY EFFICIENT – FEMP – OFFICE EQUIPMENT - MONITORS*
	FY	*ENERGY EFFICIENT – FEMP – OFFICE EQUIPMENT - PRINTERS*
	AG	*GOLD - EPEAT REGISTERED PRODUCTS*
	NR	*REVIEWED - DOES NOT MEET SOME ENAC CRITERIA*
	AF	*SILVER - EPEAT REGISITERED PRODUCTS*

ELRN *   G   EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

CLQL *   G   COLLOQUIAL NAME

Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.

Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)

AGAV *   G   END ITEM IDENTIFICATION

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MRC	Mode Code	Requirements

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

CXCY *   G   PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instruction: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

Reply Tables

Table 1 - COMPONENT TYPE

COMPONENT TYPE

REPLY CODE	REPLY (AK95)
INPUT DEVICES	
AEU	ALPHA-NUMERIC KEYPAD
AVD	CENTRAL PROCESSING UNIT (CPU)
AEV	DIGITIZER/GRAPHICS TABLET
AKV	EXTERNAL COMPACT DISK UNIT
AFU	JOYSTICK
CGZ	KEYBOARD
AFV	MOUSE
AGU	MULTI-BUTTON CURSOR
AGV	OPTICAL READER (SCANNER)
AHU	STYLUS/LIGHT PEN
AVQ	TOUCHPAD
AHV	TOUCHSCREEN
AJU	TRACKBALL
DATA STORAGE DEVICES	
AVE	2.5 FLOPPY DRIVE
AJV	3.5 FLOPPY DRIVE
AKU	5.25 FLOPPY DRIVE
AVF	DATA STORAGE
ALU	EXTERNAL HARD DRIVE
ALV	INTERNAL COMPACT DISK UNIT
AMU	INTERNAL HARD DRIVE
AVG	REMOVABLE HARD DRIVE
AMV	TAPE DRIVE
DISPLAYS	
ANU	CATHODE RAY TUBE (CRT)
ANV	ELECTROLUMINESCENT DISPLAY
APU	LIGHT EMITTING DIODE
APV	LIQUID CRYSTAL
AQU	PLASMA PANEL
PRINTERS/PLOTTERS	
AQV	BUBBLE JET PRINTER
AVH	COLOR LASER PRINTER
ARU	COLOR PRINTER
ARV	DAISY WHEEL PRINTER

REPLY CODE	REPLY (AK95)
ASS	DOT MATIX PRINTER
ASU	INK JET PRINTER
ASV	LASER PRINTER
ATU	PLOTTER
ATV	THERMAL PRINTER

TELECOMMUNICATION DEVICES

AVJ	ETHERNET HUB
AVK	FAST ETHERNET
AVL	FAX/MODEM
AUA	MODEM

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA

REPLY CODE	REPLY (AD08)
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL

REPLY CODE	REPLY (AD08)
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective September 4, 2009

Added new reply codes to MRC ENAC.